



भारत का राजपत्र The Gazette of India

प्रकाशित
PUBLISHED BY AUTHORITY

14/12/97
14/12/97

सं० 51] नई दिल्ली, शनिवार, दिसम्बर 20, 1997. (अग्रहायण 29, 1919)
No 51] NEW DELHI SATURDAY, DECEMBER 20, 1997 (AGRAHAYANA 29, 1919)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग सेकलन के रूप में रखा जा सके
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2 [PART III-SECTION 2]

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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Calcutta, the 20th December 1997

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Floor, 234/4, Acharya Jagadish
Bose Road, Calcutta-700 020.

Rest of India.

Telegraphic address "PATENTS"

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एकस्य तथा अभिकरण

कलकत्ता, दिनांक 20 दिसम्बर 1997

पेटेंट कार्यालय के कार्यालयों के पते एवं क्षेत्राधिकार

पेटेंट कार्यालय का प्रधान कार्यालय कलकत्ते में अवस्थित है तथा मुम्बई, दिल्ली एवं चेन्नई में इसके शाखा कार्यालय हैं, जिनके प्रादेशिक क्षेत्राधिकार जोन के आधार पर निम्न रूप में प्रदर्शित हैं :-

पेटेंट कार्यालय शाखा, टांको इस्टेट,
तीसरा तल, लोकर परले (प.),
मुम्बई-400013 ।

गुजरात, महाराष्ट्र, मध्य प्रदेश
तथा गोआ राज्य क्षेत्र एवं संघ
शासित क्षेत्र, दमन तथा दीव एवं
दादर और नगर हवेली ।

सार पता - "पेटेंटिफिक"

पेटेंट कार्यालय शाखा,
एकक सं. 401 से 405, तीसरा तल,
नगरपालिका बाजार भवन,
मरखानी मार्ग, करील घाट,
नई दिल्ली-110 005 ।

हरियाणा, हिमाचल प्रदेश, जम्मू
तथा कश्मीर, पंजाब, राजस्थान,
उत्तर प्रदेश तथा दिल्ली राज्य
क्षेत्रों एवं संघ शासित क्षेत्र चंडीगढ़ ।

सार पता - "पेटेंटिफिक"

APPLICATION FOR THE PATENT FILED AT THE
HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE
ROAD. CALCUTTA

The dates shown in the crecent bracked are the dated claimed
under section 135, Patent Act, 1970.

23-10-1997

20267/Cal/97. Dr (Mrs.) Manit Kaur Sharma. "A synergisti
red Mood corpuscle (RRC) aggregating to the
solution with a long shelf life for determining
osmotic fragility of red cells in microtitre plate
wells".

2027/Cal/97. Daewoo Electronics. Co., Ltd.. "Method and
apparatus for encoding a motion vector"(Con
vention No. 97-49949 0:1 30-9-97 in South
Korea).

2028/Cal/97. Daewoo Electronics Co., Ltd., "Waveform
equalization apparatus". (Convention No. 96-
76493 & 96-76494 on 30-12-96 in South Korea).

2029/Cal/97. Daewoo Electronics Co., Ltd., "Per-Session
synchronized, framing method for rent-time ser-
vice in ATM networks"(Convention No 96-
60084; 96-60084: 96-6083 01 59-11-96 and 96-
49692 on 29-10-96 in South Korea).

पेटेंट कार्यालय शाखा,
ब्लॉक "सी" (री 4, ए),
तीसरा तल, राजाजी भवन,
वसन्त नगर, चेन्नई-600090 ।

आन्ध्र प्रदेश, कर्नाटक, केरल, तमिलनाडु
तथा पाण्डिचेरी राज्य क्षेत्र एवं
संघ शासित क्षेत्र, लक्षद्वीप, मिनिक्काय
तथा एमिनिदिवि ब्लॉक ।

सार पता - "पेटेंटिफिक"

पेटेंट कार्यालय (प्रधान कार्यालय)
निजाम पैलेस, द्वितीय दहलवीय कार्यालय
भवन, 5, 6 तथा 7वां तल,
234/4, आचार्य जगदीश बोस मार्ग,
कलकत्ता-700 020 ।

भारत का अवशेष क्षेत्र ।

सार पता - "पेटेंटिफिक"

पेटेंट अभिनियम, 1970 या पेटेंट नियम, 1972 में
अपीक्षित सभी आवेदन-पत्र, सूचनाएं, विवरण या अन्य प्रत्येक पेटेंट
कार्यालय के केवल उपयुक्त कार्यालय में ही प्राप्त किए जाएंगे ।

शुल्क : शुल्कों की अदायगी या राी नकद की जायगी अथवा
उपयुक्त कार्यालय में नियंत्रक को भुगतान योग्य धनादेश अथवा
डाक आदेश या जहाँ उण्युक्त कार्यालय अवस्थित है उस स्थान
के अनुसूचित बैंक से नियंत्रक को भुगतान योग्य बैंक ड्राफ्ट अथवा
बैंक द्वारा की जा सकती है ।

2030/Cal/97. Daewoo Electronics Co., Ltd.. "Mode coding
method in n binary shape encoding". (Convention
No. 97-52446 on 14-10-97 in South Korea).

2031//C81/97. Kone Oy. "Safety gear". (Convention No.
964484 on 7-11-% & 964903 on 5-12-96 in Fin-
land).

2032/Cal/97. Kone Oy, "Sliding safety gear". (Convention
No. 964484 on 7-11-96 in Finland),

2033/Cal/97. Mitsui Chemicals, Inc., "Process for produc-
ing atomation dicarboxylic and". (Convention No.
287957/1996 on 30-10-96 in Japan).

2034/Cal/97. General Labels & Labelling (M) Sendirian
Berhad. "Method for repetitively generating a se-
quence of prescribed linear movements of a
moveable table in a machine and apparatus there-
for". (Convention No. PI 9604503 on 30-10-96
in Malaysian).

2035/Cal/97. Steag Microtech GMBH, "Device for trea-
ing substrates". (Convention No. P 19644779.8
on 28-10-96 in Germany).

2036/Cal/97. Siemens Aktiengesellschaft. "Gear shaft and
gear for high rotation, speeds". (Convention- No.
19641881.7 on 30-10-96 in Germany).

- 2037/Gal/97. Fleetguard, Inc., "Fuel filter and water separator apparatus with heater". (Convention No. 08/742,631 on 1-11-96 in U.S.A.).
- 2038/Cal/97.—Eaton Corporation, "Vacuum interrupter with ARC diffusing contact design". (Convention No. 742,550 on 1-11-96 in U.S.A.).
- 2039/cal/97. Eaton Corporation, "Improved vehicle transmission and thrust washer therefor". (Convention No. 08/730,950 on 12-11-96 in U.S.).
- 2040/Cal/97. General Electric Company, "A new silicone composition for bar soap applications".
- 2041/Cal/97. Sucker-Muller-Hacoba GMBH & Co., "Method and device for warping with a conical warping machine". (Convention No. 19646087.5 on 8-11-96 in Germany).
- 2042/Cal/97. Philips Electronics N.V., "Metal halide lamp". (Convention No. 9620343.4 on 4-12-96 in Europe).
- 2043/Cal/97. Philips Electronics N.V., "High pressure discharge lamp". (Convention No. 96203226.4 on 22nd November, 1996 in Europe).
29-10-1997
- 2044/Cal/97. Glazo Group Limited, "Pharmaceutical compositions". (Convention No. 9622681.6 on 31-12-96 in United Kingdom).
- 2045/Cal/97. Antonio Pirrello, "Suspending, Lubricating and antioxidant product for use with abrasive slurry to cut granite, stones and similar materials". (Convention No. P196/A/000055 on 8-11-96 in Italy).
- 2046/Cal/97. Marquip, Inc., "Improved low pressure single facer". (Convention No. 08/740, 726 on 1-11-96 08/856,662 on 15-5-97 in U.S.A.).
- 2047/Cal/97. Samsung Electronics Co. Ltd., "Method of controlling call for identical incoming office number in exchange system". (Convention No. 82661/1996 on 31-12-96 in Korea).
- 2048/Cal/97. Merck Patent Gesellschaft Mit Beschränkter Haftung, "Benzoaxazole derivative". (Convention No. 19643790.3 on 30-10-96 in Germany).
- 2049/Cal/97. Emitec Gesellschaft Fur Emissionstechnologie MBH, "Catalytic converter for a small engine". (Convention No. 19646242.8 on 8-11-96 in Germany).
- 2050/Cal/97. Matsushita Electric Industrial Co. Ltd., "2-Line YC separation device". (Convention No. 8-291413 on 1-11-96 in Japan).
- 2051/Cal/97. Matsushita Electric Industrial Co. Ltd., "Refrigerant separator and air conditioner mounting this refrigerant separator". (Convention No. 8-307678 on 19-11-96 in Japan).
- 2052/Cal/97. Matsushita Electric Industrial Co. Ltd., "Air Conditioner". (Convention No. 8-307680 on 19-11-96 in Japan).
- 2053/(Cal/97. Trutzschler GMBH & Co. KG., "Device at a card for textile fibres, for example, cotton, chemical fibres or similar things made of cover bars (rods) provided with mountings". (Convention No. 19651894.6 on 13-12-96 in German).
31-10-1997
- 2054/Cal/97. Bose Institute, "A hanging wive fluid velocimeter cum acoustic pressure gauge".
- 2055/Cal/97. Philips Electronics N.V., "Data processing of a bitstream signal". (Convention No. 96203105.0 on 7-11-96 & 97201680.2 on 4-6-97 in Europe).
- 2056/Cal/97. Cummins Engine Company, Inc., "A high pressure fuel injection system". (Divided out of No. 337/Cal/94 antedated to 6th May, 1994).
- 2057/Cal/97. Sanyo Electric Co. Ltd., "An improved air conditioning system". (Convention No. 8-290171 on 31-10-96 & 9-159941 on 17-6-97 in Japan).
- 2058/Cal/97. Sanyo Electric Co. Ltd., "Air conditioning system".
(Convention No. Date Country)
8-290156 31-10-1996 Japan
8-290157 31-10-1996 Japan
8-290160 31-10-1996 Japan
8-310929 21-11-1996 Japan
9-151206 09-06-1997 Japan
9-155231 12-06-1997 Japan
9-155236 12-06-1997 Japan
- 2059/Cal/97. Mitsubishi Chemical Corporation., "Carbon black aggregate".
(Convention No. Date Country)
8-290153 31-10-1996 Japan
8-291522 01-11-1996 Japan
9-43611 27-02-1997 Japan
9-70299 24-03-1997 Japan
9-70302 24-03-1997 Japan
9-71207 25-03-1997 Japan
9-199867 25-07-1997 Japan
03-11-1997
- 2060/Cal/97. Philips Electronics N. V., "Method of restricts the duration of telephone calls and telephone implementing such a method" (Convention No. 9613533 on 6-11-96 in France).
- 2061/Cal/97. Calmar Inc., "Liquid dispensing pump phaving water seal" (Convention No. 08/826, 702 on 7-4-97 in U.S.A.).
- 2062/Cal/97. Giovanni Arvedi, "Improved unit of equipments for the high-speed continuous casting of good quality thin steel slabs" (Convention No. MI-96A0023336 on 12-11-96 in Italy)
- 2063/Cal/97. ABB Transmit OY, "System for detecting and locating a high resistance earth fault in an electric power network" (Convention No. 964431 on 4-11-96 in Finland).
- 2064/Cal/97. Matsushita Electric Industrial Co. Ltd., "2-Line YC separation device" (Convention No. 8-291413 on 1-11-96 in Japan).
- 2065/Cal/97. Philipps Petroleum Company, "Composition useful in converting non-aromatic hydrocarbons to aromatics and olefins" (Convention No. 08/745533 on 12-11-96 in U.S.A.).
- 2066/Cal/97. Philips Petroleum Company, "Process for aromatization of hydrocarbons" (Convention No. 08/745527 on 12-11-96 in U.S.A.).
- 2067/Cal/97. Georg Fischer Rohrleitungssysteme AG, "Convention between a pipe and a molding" (Convention No. 19645853.6 on 7-11-96 in Germany").
- 2068/Cal/97. Hollandse Signaalapparten B. V., "Radial damping mechanism for turntable in CD player" (Convention No. 1004485 on 11-11-96 in The Netherlands.)
- 2069/Cal/97. Sumitomo Forestry Co. Ltd., "Method for large-scale propagation of trees of genus swietenia".
- 2070/Cal/97. Pedex & Co. GMBH., "Dental care instrument and method for the manufacture of cleaning elements for dental care instruments" (Convention No. 1964519.7 on 12-11-96 in Germany),
04-11-1997
- 2071/Cal/97. Gur Charan Saini, "Improvements in pressure cookers"

- 2072/Cal/97. Paques B. V. "Apparatus for the biological purification of waste water" (Convention No. 1004455 on 6-11-96 in Italy),
- 2073/Cal/97. Medical Innovations Limited, "Synergistic gold-containing compounds and process for their preparation" (Convention No. P03473 on 4-11-96 in Australia).
- 2074/Cal/97. Medical Innovations Limited, "Synergistic gold-containing compounds" (Convention No. PO 3473 on 4-11-96 in Australia).
- 2075/Cal/97. 1. Robert Legrand Johnstone and (2) Worldspace, Inc. "System for providing location specific data to a user" (Convention No. 08/746 018 on 5-11-96 in U.S.A.).
- 2076/Cal/97. Steag Microtech GMBH, "Device for the treatment of substrates" (Convention No. P 196 45 425.5 on 4-11-96 in Germany).
- 2077/Cal/97. Siemens Aktiengesellschaft, "Method and arrangement for multiplexing a multiplicity of digital data streams to form a digital overall data stream, as well as a method and arrangement for demultiplexing a digital overall data stream to form a multiplicity of digital data streams" (Convention No. 19646244.4 on 8-11-96 in Germany).
- 2078/Cal/97. Heinkel Industriezeurifugen GMBH & Co., "Invertible filter centrifuge" (Convention No. 19646038.7 on 8-11-96 in Germany).
- 2079/Cal/97. Krone Aktiengesellschaft, "Clamping device" (Convenor. No. 19650017.6 on 22-11-96 in Germany).
- 2080/Cal/97. Krone Aktiengesellschaft, "Arrangement of contact pairs of twin conductors and of conductors of a multi-core cable for the purpose of reducing crosstalk" (Convention No. 19651196.8 on 10-12-96 in Germany).
- 2081/Cal/97. Krone Aktiengesellschaft, "Outdoor housing for accommodating telecommunications devices and method for supporting outdoor housings" (Convention No. 19654594.3 on 20-12-96 in Germany).
- 2082/Cal/97. General Electric Company, "Method and apparatus for reducing partial volume image artifacts" (Convention No. 08 747,639 on 13-11-96 in U.S.A.),
- 05-11-1997
- 2083/Cal/97. Acciai Speciali Terni S.p.A., "Process for the treatment of grain oriented silicon steel" (Convention No. RM96A000903 on 24-12-96 in Italy).
- 2084/Cal/97. Acciai Speciali Terni S.p.A., "Process for the production of oriental-gram electrical steel sheet with high magnetic characteristics" (Convention No. RM96A000904 on 24-12-96 in Italy).
- 2085/Cal/97. Acciai Speciali Terni S.p.A., "Process for the production of grain oriented silicon steel sheet" (Convention No. RM96A000905 on 24-12-96 in Italy).
- 2086/Cal/97. Acciai Speciali Terni S.p.A., "Process for the inhibition control in the production of grain-oriented electrical sheets" (Convention No. RM 97A000146 on 14-3-97 in Italy).
- 2087 /Cal/97. Acciai Speciali Terni S.p.A., "Process for the inhibition control in the production of grain oriented electrical sheets" (Convention No. RM97A000147 on 14-3-97 in Italy),
- 2088/Cal/97. The Governor & Company of the Bank of England, "Improvements in and relating to security documents" (Convention No. 9623202.0 on 7-11-96 & 9701767.7 on 29-1-97 in United Kingdom).
- 2089/Cal/97. Slidell, Inc., "Bag filling, closing and scaling machine" (Convention No. 744,628 on 6-11-96 in U.S.A.),
- 2090/Cal/97. Andritz-Patentverwaluugs-Gesellschaft M.B.H. "Screening rake" (Convention No 29619891 on 15-11-96 in Germany).
- 2091/Cal/97. Bwrtrand Faure Equipments SA, "A slideway for a vehicle seat, and a seat fitted with such a slideway" (Convention No. FR96 13881 on 14-11-96 in France).
- 2092/Cal/97. Systran Corporation, "High speed switch package" (Convention No. 08/749.094 on 14-11-96 in U.S.A.).
- 2093/Cal/97. Automazioni Industrial Lanfranchi di Lanfranchi Lino & C.S.N.C., "Orderly bottle-feeding machine" (Convention No. MI96 A 002346 on 12-11-96 in Italy).
- 2094/Cal/97. Siemens Aktiengesellschaft, "Piezoelectric actuator with novel contracting means and production process" (Convention No. 19646676.8 on 12-11-96 in Germany).
- 2095/Cal/97. Siemens Aktiengesellschaft, "Computer aided process for the partitioning of an electrical circuit" (Convention No. 196-47620.8 on 18-11-96 in Germany).
- 2096/Cal/97. Johnson & Johnson Medical, Inc., "Composite surgical material" (Convention No. 9315614.9 on 28-7-93 and 9319273.0 on 17-9-93 in U.K.).
- 2097/Cal/97. Fusion Lighting, Inc., "Method and apparatus for powering an electrodeless lamp with reduced radio frequency interference" (Convention No. 08/754,858 on 22-11-96 in U S A),
- 06-11-1997
- 2098/Cal/97. Dr. Mrinal Kanti Majumdar, "A process for preparation of soluble griseofulvin with or without antibacterial antibiotics for topical treatment of various nail hair and skin diseases including dandruff, acne, ring worm and insect bite".
- 2099/Cal/97. David B Bartholic, "Process, for zeolitic catalyst reactivation" (Convention No. 08/758,159 on 25-11-96 in U.S.A.).
- 2100/Cal/97. Omnipoint Corporation, "Methods and apparatus for synchronization a wireless network" (Convention No. 08/749,105 on 14-11-96 in U.S.).
- 2101/Cal/97. Omnipoint Corporations, "Methods and apparatus for vocoder synchronization in a mobile communication network" (Convention No. 08/746,700 on 14-11-96 in U.S.).
- 2102/Cal/97. Siemens Aktiengesellschaft, "Withdrawable; equipment rack with a locking device" (Convention No. 19647747.6 on 6-11-96 in Germany).
- 2103/Cal/97. Siemens Aktiengesellschaft, "Steam generator" (Convention No. 19651678.1 on 12-12-96 in Germany).
- 2104/Cal/97. Siemens Aktiengesellschaft, "Drive device for rolling stands" (Convention No. 19,653182.9 on 20-12-96 in Germany).
- 2105/Cal/97. W. Schlafhorst AG A Co., "Cop preparing equipment of a bobbin winding machine" (Convention No. P19650934.3 on 7-12-96 in Germany).
- 2106/Cal/97. Hoechst Aktiengesellschaft, "A process for preparing Vinyl acetate in the gas phase" (Divided out of 528/Cal/94 antedated to 5-7-94).
- 07-11-1997
- 2107/Cal/97. General Electric Company, Method of preparing polycarbonates by solid state polymerization".

2108/Cal/97. Ormat Industries Ltd., "Multi-Fuel, combined cycle power plant" Convention No. 08/747,400 on 12-11-96 in U.S.A.).

2109/Cal/97. E.L. Du Point De Neraorous and Company, "Arthropodical oxazoline derivatives and processes and intermediates for the preparation thereof (Convention No. 60/031.068 on 18-11-96 & 60/040,479 on 12-3-97 in U.S.A.).

10-11-1997

2110/Cal/97. Alza Corporation, "Osmotic delivery system and method for enhancing start-up and performance of osmotic delivery system" (Convention No. 60/030,481 on 15-11-96 in U.S.A.).

2111/Cal/97. Toyota Jidosha Kabushiki Kaisha, "Washing apparatus for a toilet bowl" (Convention No. 8-308365 on 19-11-96 in Japan)

2112/Cal/97. Glaxo Wellcome SpA, "Exomethylene derivatives" (Convention.No. 9623684.9 on 14-11-96 in United Kingdom).

2113/Cal/97. Siemens Aktierfiselchaft, "Turbine guide and a method for regulating a load cycle process of a "turbine" (Covnention No. 19646182.0 on 8-11-96 in Germany).

2114/Cal/97. Siemens Aktiengesellschaft, "Screened mounting rack for electrical printed circuit board assemblies" (Convention No. 29619565.0 on 11-11-96 in Germany).

2115/Cal/97. Siemens Aktiengesellschaft "Heat-Shield component with cooling-fluid return and heat shield arrangement for a component directing hot gas".

2116/Ca/97. Siemens Aktiengesellschaft, "Component, in particular a gas-turbineblade, having a heat insulating layer, and a method of, and apparatus for, producing heat-insulating layer".

2117/Cal/97.Hitachi, Ltd., "Rough rolling mill train" (Convention No. 8-307878 on 19-11-96 in Japan).

2118/Cal/97. Hoechst Celanese Corporation, "Paramagnetic contrast agents for MR imagining" -(Convention No. 08/752,505 OR 20-11-96 in US).

2119/Cal/97. Hoechst Celanese Corporation, "Novel ligands for MRI contrast agents" (Convention No. 08/752,763 on 20-11-96 in US).

11-11-1997

2120/Cal/97. BFI Automation Dipl.-Ing. K.H. Mindermann GmbH, "A flame monitoring apparatus" (Convention No. 196 49 264.5 on 28-11-96 in Germany).

2121/Cal/97. Betzdfarbom Inc., "Aqueous dispersion polymers and process for their preparation" (Convention No. 08/749, 875 on 15-11-96 in U.S.A.).

2122/Cal/97. Lxor Technologies Limited, "A method of forming an adherent aluminium material coating on a substrate" (Convention No. 9312328.9 on 15-6-93 in United Kingdom).

2123/Cal/97. Mitsubishi Denki Kabushiki Kaisha, "High-Pressure fuel-feed pump" (Convention No. 9-127029 on 16-5-97 in Japan).

2124/Cal/97. Worldspace Inc., "Real-Time information delivery system for aircraft" (Convention No. 08/749, 457 on 15-11-96 in U.S.A.).

2125/Cal/97. Matsushita Electric Industrial Co. Ltd., "Pager with display position controlled" (Convention No-8-301503 on 13-11-96 in Japan).

2126/Cal/97. EU Lilly and Company, "5-HT_{1P} Agonists" (Convention No. 60/030, 950 on 15-11-96 in USA).

2127/Cal/97. E. I. DU Pont DE Nemours and Company, "Novel quaternary salts and their use in agricultural formulations" (Convention No. 60/032, 019 on-22-11-96 in USA.).

2128/Cal/97. W. Schlafhorst AO & Co., "Textile machine producing cross coils" (Convention , No. P19650932.7 on 7-12-96 in Germany).

2129/Cal/97. General Electric Company, "Method and apparatus for providing dynamically variable time delays for ultrasound beam-former" (Convention No. 08/774,667 on 30-12-96 in USA).

2130/Cal/97. Kuraray Co. Ltd "Optical resolution method of (I)-3-4-dihydroxy butanoic acid" (Convention No. 309208/1996 on 20-11-96 in Japan).

ALTERATION OF DATE

179826
Patent No. (1153/Mas/94) Ante-dated to 31st March, 1993.

179827
Patent No. (1154/Mas/94) Ante-dated to 31st March, 1993.

179828
Patent No. (1157/Mas/94) Ante-dated to 18th September, 1990.

179829
Patent No. (1158/Ma8/94) Ante-dated to 18th September, 1990.

179832
Patent No., (153/Mas/94) Ante-dated to 6th June, 1990.

179834
Patent No. (310/Mas/94) Ante-dated to 28th May, 1990.

179836
Patent No. (467/Mas/94) Ante-dated to 18th July, 1990.

179838
Patent No. (494/Mas/94) Ante-dated to 25th May, 1990.

COMPLETE SPECIFICATION ACCEPTED

Notice is hereby given that any person interested in opposing the grant of patents on any of the Applications concerned, may, at any time within four months of the date of this Issue or within such further period not exceeding one month applied for on Form-14 proscribed under the Patents Rulset 1972 before the expiry of the said period of four months given notice to the Controller of Patents at the appropriate office on the prescribed Form-15. of such opposition. The written statement of opposition should be filed alongwith the said notice or within one month of its date as prescribed in Rule 36 of the Patents Rules, 1972.

The classifications given below in respect of each specification are according to Indian Classification and International Classification,

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स्वीकृत सम्पूर्ण विनिर्देश

Ind. Class - 188

179822

Int. Cl⁴ - C 23 C 30/00.

A METHOD OF PRODUCING ANTI-MICROBIAL MATERIAL CONTAINING ONE OR MORE ANTI-MICROBIAL METALS.

Applicant : WESTAIM TECHNOLOGIES INC., A BODY CORPORATE, INCORPORATED PURSUANT TO THE LAWS OF ALBERTA, CANADA OF BOX 1000, 10101-114 STREET, FORT SASKATCHEWAN, ALBERTA T8L2P2, CANADA.

Inventors : (1) ROBERT EDWARD BURRELL, (2) PRASAD SHRIKRISHNA APTE, (3) KASHMIR SINGH GILL, (4) LARRY ROY MORRIS, (5) RODERICK JOHN PRECHT, (6) CATHERINE LAURIE MCINTOSH, (7) SUDHINDRA BHARAT SANT

Application No. 1089/Mas/94 dated November 8, 1994.

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules, 1972), Patent Office, Chennai Branch.

10 Claims

A method of producing an anti-microbial material, such as coating, containing one or more anti-microbial metals, said method comprising the steps of :

creating atomic disorder in a material containing one or more anti-microbial metals in a known manner such as vapour deposition, under conditions which limit annealing or re-crystallization following deposition for returning atomic disorder therein to provide sustained release of atoms, ions, molecules or clusters of a least one of the metals into an alcohol or water based electrolyte at an enhanced rate relative to the material in its normal ordered crystalline state; and

irradiating the material with a low linear energy transfer form, of radiation to obtain the anti-microbial material,

(Com. - 68 pages; Drwgs. - 2 sheets)

Ind. Class - 32 F

2()

179823

Int. Cl⁴ - C 07 D 211/00.

PROCESS FOR THE CONTINUOUS PREPARATION OF 2, 2, 6, 6-TETRAMETHYLPYPERIDINE.

Applicant : HOECHST AKTIENGESSELLSCHAFT, OP D-65926, FRANKFURT AM MAIN, GERMANY, A CORPORATION ORGANIZED UNDER THE LAWS OF GERMANY.

Inventors : (1) DETLEE KAMPMANN, (2) GEORG STUHLMULLER.

Application No. 1098/Mas./94 dated November 9, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

4 Claims

A process for the continuous preparation of 2, 2, 6, 6-tetramethylpyperidine by reacting triactonamine with hydrazine and cleaving the resulting hydrazone at a temperature of 160 to 200°C, which comprises continuously transporting the hydrazone to the distillation bottoms which comprise a high-boiling solvent and an alkali at the base of a distillation column and distilling off together with water the resulting 2, 2, 6, 6-tetramethylpyperidine and separating it from the water.

(Com - 7 pages)

Ind. Class :

5-E₄

179824

Int. Cl⁴ - A 61 K 31/00.

A PROCESS FOR THE PRODUCTION OF A PHARMACEUTICAL COMPOSITION CONTAINING MOENOMYCIN OR ITS DERIVATIVES.

एतद्वारा यह सूचना दी जाती है कि सम्बद्ध आवेदन में से किसी पर पेटेंट अनुदान के विरोध करने के इच्छुक कोई व्यक्ति, इसके निर्गम की तिथि से चार (4) महीने या अग्रिम ऐसी अवधि जो उक्त 4 महीने की अवधि की समाप्ति के पूर्व पेटेंट नियम, 1972 के तहत विहित प्रपत्र 14 पर आवेदित एक महीने की अवधि से अधिक न हो, के भीतर कभी भी नियंत्रक, एकत्रित एवं उपयुक्त कार्यालय में ऐसे विरोध की सूचना विहित प्रपत्र 15 पर दे सकते हैं। विरोध संबंधी लिखित वक्तव्य उक्त सूचना के साथ अध्या पेटेंट नियम, 1972 के नियम 36 में यथा विहित इसकी तिथि के एक महीने के भीतर ही फाइल किए जाने चाहिए।

“प्रत्येक विनिर्देश के सदर्भ में नीचे दिए वर्गीकरण, भारतीय वर्गीकरण तथा अन्तर-राष्ट्रीय वर्गीकरण के अनुरूप है।”

रूपांकन (चित्र आरेखों) की फोटो प्रतियां यदि कोई हों, के साथ विनिर्देशों की अंकित अथवा फोटो प्रतियों की आपूर्ति पेटेंट कार्यालय, कलकत्ता अथवा उपयुक्त शाखा कार्यालय द्वारा विहित लिप्यान्तरण प्रभार जिससे उक्त कार्यालय से पत्र व्यवहार द्वारा सुनिश्चित करने के उपरान्त उसकी आवश्यकता पर की जा सकती है। विनिर्देश को पृष्ठ संख्या के साथ प्रत्येक स्वीकृत विनिर्देश के सामने नीचे वर्णित चित्र आरेख कागजों को जोड़कर उसे 2 से गुणा करके, (वर्षाई प्रत्येक पृष्ठ का लिप्यान्तरण प्रभार 2/- रु. है) फोटो लिप्यान्तरण प्रभार का परिकलन किया जा सकता है।

Ind. Class - 55-F

179821

Int. Cl⁴ - A 61 K 7/16.

A PROCESS FOR PREPARING DENTAL COMPOSITION.

Applicant : J M HUBFR CORPORATION OF 333 THORNALL STREET, EDISON, NEW JERSEY 08818, US, A CORPORATION OF NEW JERSEY, U.S.A.

Inventors : (1) WASON SATISH K., (2) SUMPTER JAMES E.

Application No. 1011/Mas/94 dated October 19, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

6 Claims

A process for preparing a dental composition, comprising mixing 15 to 35 weight percent of an abrasive, 10 to 25 weight percent of a known humectant, 35 to 70 weight percent of water and 0.1 to 5 weight percent of a known binder, wherein the said abrasive is sodium aluminosilicate having a water demand of greater than 50 g water per 100 g of the said sodium aluminosilicate and the water to abrasive weight ratio of the said composition is greater than 1.

(Com. - 30 pages)

Applicant: HORCHST AKTIENGESSELLSCHAFT, OF D-65926 FRANKFURT AM MAIN, FEDERAL REPUBLIC OF GERMANY, A CORPORATION ORGANIZED UNDER THE LAWS OF THE FEDERAL REPUBLIC OF GERMANY.

Inventors : (1) GUNTHER RIESS. (2) GERHARD SEIBERT, (3) UDO HEDTMANN.

Application No. 1116/Mas/94 dated November 14, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

3 Claims

A process for the production of a pharmaceutical composition containing moenomycin or its derivatives, comprising admixing 5 mg to 5 gm of moenomycin and/or one or more of its derivatives. 5 mg to 5 gm of one or more additional active compounds, such as herein described and 5% to 95% of the total composition of pharmaceutically acceptably excipients and/or auxiliaries, such as herein described.

(Com. - 16 pages)

Ind. Class - 152-B

179825

Int. Cl.⁴ C 08 L 7/00.

A PROCESS FOR THE PREPARATION OF SILVER OXIDE INCORPORATED ANTIMICROBIAL POLYMERS.

Applicant : SREE CHITRA TIRUNA. INSTITUTE FOR MEDICAL SCIENCES & TECHNOLOGY. BIOMEDICAL TECHNOLOGY WING, SATEI MOND PALACE, THIRUVANANTHAPURAM - 695012 KERALA, INDIA AN INDIAN INSTITUTE.

Inventors : (1) KUNNATHEERY STEFIVIVASAN. (2) LFISTFR ROWSEN MOSES, (3) RAJAGOPALAN SIVAKUMAR.

Application No. 1125/Mas/94 dated November 17, 1994.

Complete Specification left : February 19, 1996.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

10 Claims

A process for the preparation of silver-oxide incorporated anti-microbial polymer comprising in the steps of :

subjecting said anti-microbial polymer sample to a step of swelling in a first solvent as herein described;

dissolving a silver salt and B-cyclodextrin in a 1:1 weight ratio in a second solvent as herein described to obtain a solution and heating said solution to 35-85°C and subjecting said swelled polymer sample to treatment with said solution of silver salt and B-cyclodextrin followed by drying washing and further drying.

(Prov. - 6 pages; Com. - 8 pages).

Ind. Class-32-F₂(a), (b) & 3(d)

179826

Int. Cl.⁴ —C 07 C 49/00

C 07 D 521/00

A method for the preparation of a BIS-Aromate a, B-Unsaturated ketone

Applicant : Statens seruminstitut, A Danish State Research Institute of Artilleri vej 5, DK 2300 Copenhagen Denmark.

Inventors: (1) Arsalan Kharazmi Denmark.

(2) Soren Brogger Christensen.

(3) Chen Ming.

(4) Thor Grundvig Theander."

Application No. 1153/MAS/94 dated November, 23, 1994.

Divisional to Patent Application No. 231/MAS/93, Ante-dated to March 31, 1993.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

9 Claims

A method for the preparation of a bis-aromatic a, p-unsaturated ketone of the general formula I



wherein

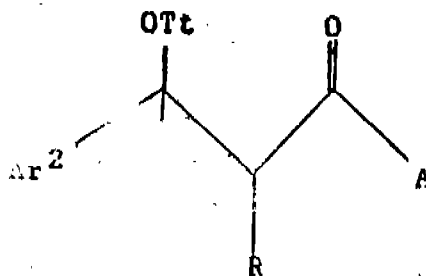
W is -CR-CR-, wherein each R independently of the other R designates hydrogen, C₁₋₃-alkyl, or halogen

Ar¹ and Ar² are the same or different and each designate an aromatic selected from phenyl and 5- or 6-membered unsaturated heterocyclic rings containing one, two or three heteroatoms selected from oxygen, sulfur, and nitrogen, such as furanyl, thiophenyl, pyrrolyl, imidazolyl, isoxazolyl, oxazolyl, thiazolyl, pyrazolyl, pyridinyl, or pyrimidinyl, which aromatic may be substituted with one or more substituents selected from

halogen; nitro; nitroso; and C₁₋₁₂, preferably C₁₋₆, straight or branched aliphatic hydrocarbyl which may be substituted with one or more substituents selected from hydroxy, halogen, amino, and amino which is optionally alkylated with one or two C₁₋₆ alkyl groups;

Y and X are the same or different and each designate a group ATH or a group AZ, wherein A is -O-, -S-, -S-, -NH-, or -N(C₁₋₆ alkyl)-, RH designates C₁₋₆ straight or branched aliphatic hydrocarbyl which may be saturated or may contain one or more unsaturated bonds selected from double bonds and triple bonds, and Z designates H or (when the compound is a prodrug) a masking group which is readily decomposed under conditions prevailing in the animal body to liberate a group AH, in which A is as defined above; m designates 0, 1 or 2, and n designates 0, 1, 2 or 3, then the two or three groups Y are the same or different, with the proviso that n

and m are not both 0, said method comprising eliminating HOTt from a ketone of the general formula K.



wherein X, Y, m, n, Ar¹, Ar² and R are as defined above and Tt hydrogen, alkyl, tosyl, trifluoromethanesulfonyl or soyl by adding a known acid or base catalyst to a solution of the ketone" with the general formula K at room temperature,

(Com: 209 pages;

Drwgs—15 sheets)

Ind Class-32-F₂(a),(b) & 3(d)

179827

Int, Cl,⁴—C 07 C 49/00

C 07. D 521/00

A method for the preparation of a Bis-Aromatic a, B-Unsaturated ketone,

Applicant : Statens semminstitut, A danish State Research Institute, of Artillerivej 5, DR-2300 Copenhagen S, Denmark.

Inventors: (1) Arsalan Kharazmi,
(2) Søren Brogger Christensen,
(3) Chen Ming,
(4) Thor Grundtvig Theander,

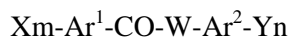
Application No. 1154/MAS/94 dated November 23, 1994.

Divisional to Patent Application No. 231/MAS/93; ante-dated to March 31, 1993,

Appropriate Office for Opposition Proceedings (Rule A, Patents Rules, 1972), Patent Office, Chennai Branch.

9 Claims

A method for the preparation of a bis-aromatic a B-unsaturated ketone of the general formula I



wherein

W is -C-C-,

Ar¹ and Ar² are the same or different and each designate an aromate selected from phenyl and 5- or 6-membered unsaturated heterocyclic rings containing one, two or three heteroatoms selected from oxygen, sulfur, and nitrogen, such as furanyl, thiophenyl, pyrrolyl, imidazolyl, isoxazolyl, osazolyl, thiazolyl, pyrazolyl, pyridinyl, or pyrimidinyl, which aromate may be substituted with one or more substituents selected from

halogen; nitro; nitroeo; and C₄₋₁₂, preferably C₁₋₆ straight or branched aliphatic hydrocarbyl which may be saturated or may contain one or more unsaturated bonds selected from double bonds and triple bonds, which hydrocarbyl may be substituted with one or more substituents selected from hydroxy, halogen, amino, and amino which optionally alkylated with one or two C₁₋₆ alkyl groups;

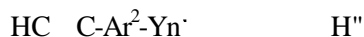
Y and X are the same or different and each designate a group ARH or a group A₂, wherein A is -O-, -S-, -NH-, or -N(C₁₋₆ alkyl)-, RH designates C₁₋₆ straight or branched aliphatic hydrocarbyl which may be saturated or may contain one or more unsaturated bonds selected from double bonds and triple bonds, and Z designates H or (when the compound is a pro-drug) a masking group which is readily decomposed under conditions prevailing in the animal body to liberate a group AH, in which A is as defined above; m designates 0, 1, or 2, and n designates 0, 1, 2 or 3, whereby, when m is 2, then the two groups X are the same or different, and when n is 2 or 3, then the two or three groups Y are the same or different with the proviso that n and m are not both 0,

said method comprising reacting an activated derivative of a carboxylic acid of the general formula II'



wherein X, m and Ar¹ are as defined above,

with an ethyne derivative of the general formula II''



wherein Ar², Y and n are as defined above to obtain the bis-aromatic a, B-unsaturated ketone of the general formula I, wherein the reaction being carried out in an aprotic solvent, such as e. g. toluene and in the presence of the a catalyst such as, e. g., copper (I) iodide/triphenylphosphinepalladium chloride.

(Com. 209 pages;

Drwgs—15 sheets)

Ind. Claas - 39-L

179828

Int.Cl⁴ - C 01 B 15/037

A STABILISED AQUEOUS COMPOSITION OF HYDROGEN PEROXIDE AND SULPHURIC ACID AND A PROCESS OF PREPARING THE SAME.

Applicant : INTEROX CHEMICAL LIMITED, A LIMITED LIABILITY COMPANY, REGISTERED IN ENGLAND O F3, BEDFORD SQUARE, LONDON WC1B 3RA, ENGLAND.

Inventor : COLIN FREDERICK McDONOGH,

Application No. 1157/Mas/94 dated November 23, 1994.

Convention date : October 5, 1989; (No. 8922504.9; United Kingdom.)

Divisional to Patent Application No. 738/Mas/90, Antedated to September 18, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch,

12 Claims

A stabilised aqueous composition of hydrogen peroxide and sulphuric acid, the said aqueous composition has at least 1% v/v of sulphuric acid, hydrofluoric acid, hydroxybenzoic acid and in N-antoxiphenyl-acetamide, the concentration of hydrofluoric acid being in the range of from 0.5% to 10% w/w and the concentration of each of the hydroxybenzoic acid and N-alkoxyphenyl-acetamide being upto saturation.

(Com. - 18 pages)

Ind. Class - 39-L

T/9829

Int. Cl⁴ - C 01 B 15/37.

A PROCESS FOR THE SURFACE TREATMENT, SUCH AS PICKLING AND POLISHING OF STEELS.

Applicant : INTEROX CHEMICALS LIMITED, A LIMITED LIABILITY COMPANY REGISTERED IN ENGLAND OF 3, BEDFORD SQUARE, LONDON WC1B 3RA, ENGLAND.

Inventor : COLIN FREDRICK McDONOGH,

Application No. 1158/Mas/94 dated November 23, 1994.

Convention date : October 3, 1989; (No. 8922504.9; United Kingdom).

Divisional to Patent Application No. 738/Mas/90; Antedated to September 18, 1990.

Appropriate Office for Opposition Proceedings (Rule 4 Patents Rules, 1972). Patent Office, Chennai Branch,

7 Claims

A process for the surface treatment, such as pickling and polishing of steels comprising contacting the steel with a stabilised aqueous solution of hydrogen peroxide containing hydrofluoric acid, hydroxybenzoic acid and an N-alkoxyphenyl-acetamide, the concentration of hydrofluoric acid being selected in the range of from 0.5% to 10% w/w and the concentration of each of the hydroxybenzoic acid and N-alkoxyphenyl-acetamide being upto saturation.

(Com. - -17 pages)

Ind. Class - 32-C

179330

Int. Cl⁴ - C 12 P 21/00

A NOVEL METHOD OF PRODUCTION OF CORRECTLY FOLDED INSULIN.

Applicant : ASTRA RESEARCH CENTRE INDIA, AN INDIAN REGISTERED SOCIETY OF 18TH CROSS, MALLESHWARAM, BANGALORE-560 003, KARNATAKA, INDIA.

Inventors : (1) BACHALLY RAMASASTRY SRINIVASA, (2) JANAKIRAMAN KAMACHANDRAN

Application No. 1197/Mas/94 dated December 2, 1994

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972) Patent Office, Chennai Branch.

9 Claims

A novel method of production of correctly folded insulin which comprises the steps of;

(a) Constructing a plasmid that encodes a GST-Met-B chain of insulin—Met—Met—A chain of insulin fusion protein (proinsulin),

(b) Transforming the plasmid obtained in step (a) into a suitable E.coli Strain such as herein described;

(c) Expressing the fusion product (proinsulin) by culturing the bacteria by known methods;

(d) Isolating the fusion product (proinsulin) by known methods;

(e) Cleaving the fusion product (proinsulin) to separate GST and the mature insulin by known methods;

(f) Cleaving the homoserine residues by a method such as herein described; and

(g) Purifying the Insulin by ion exchange chromatography.

(Com. - 21 pages; Drwgs. - 4 sheets)

Ind. Class - 32 C

179831

Int. Cl⁴ - C 07 k 15/00.

A METHOD FOR PRODUCING A PROCESSED ENSEMBLE OF POLYPEPTIDES.

Applicant : DENZYME ApS, GUSTAV WIEDS VEJ 10, DK 8000 AARHUS C, DENMARK, A DANISH COMPANY".

Inventors : (1) THOGERSEN, HANS CHRISTIAN, (2) ETZERODT, MICHAEL.

Application No. 90/Mas/94 dated February 14, 1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

40 Claims

A method for producing a processed ensemble of polypeptides such as herein described containing a substantial fraction of polypeptide molecules in one particular folded conformation from an initial ensemble of polypeptide molecules having the same amino acid sequence as the processed ensemble and containing a substantial fraction of polypeptide molecules in unfolded or misfolded conformations. the said method comprising the steps of subjecting the said initial ensemble of polypeptide molecules to a series of at least three successive cycles, each of the said cycles comprising a sequence of (a) at least one known denaturing step to depature fraction of the polypeptide in the ensemble either by treating the polypeptides in the ensemble with a denaturing agent such as herein described, in an amount sufficient to depature a fraction of the polypeptides or by subjecting the polypeptides in the ensemble to increased physical parameter such as temperature or pressure, and (b) at least one renaturing step to renature a fraction of the said denatured polypeptides in the ensemble either by treating the polypeptides in the ensemble with a lower concentration of the said denaturing agent than in the preceding denaturing step or by subjecting the polypeptides in the ensemble to a reduced physical parameters such as temperature or pressure, than in the preceding denaturing step, to produce the

processed ensemble of polypeptide molecules containing a higher fraction of polypeptide molecules; in the particular folded conformation than both the initial ensemble and the corresponding initial ensemble which has been subjected to a single cycle, characterized in that at least in one denaturing step a smaller proportion of the polypeptide molecules in the ensemble in denatured than an earlier denaturing step of the series,

(Com. - 171 Pages; Drwgs: - 34 sheets)

Ind. Class : 157-B 179832

Int. Cl.⁴ : B 61 D 3/12

A RAMP ADAPTED TO BE DRIVEN OVER LONGITUDINALLY BY A HIGHWAY VEHICLE.

Applicant : WABASH NATIONAL CORPORATION, A DELAWARE CORPORATION, OF 1000 S. SAGAMORE PARKWAY, LAFAYETTE, INDIANA 47905, U.S.A.

Inventors :

- (1) THOMAS F. KEALEY
- (2) DHARRY O. WICKS
- (3) GARY D. CHRISTEN
- (4) RICHARD L. JONES
- (5) KENNETH E. COMBS
- (6) THOMAS G. DONKIN.

Application No. 153/Mas/94 dated March A, 1994,

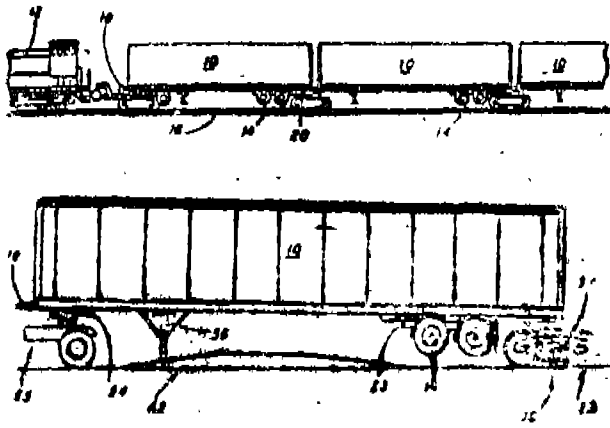
Convention date ; September 18, 1989; (No. 611,752; Canada).

Divisional to Patent Application No. 446/Mai/90; Antedated to June 6, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Chennai Branch.

20 Claims

A ramp adapted to be driven over longitudinally by a highway vehicle, the said ramp comprising an ascending portion, a descending portion, an elevated portion between said ascending and descending portions; and locating means for locating a railtruck on longitudinally extending railroad tracks in proximity to said descending portion, whereby the ramp is adapted to lower the body of an intermodal trailer onto a railtruck on the track in a coupling relationship when the highway wheels of the trailer travel down the descending portion of the ramp, and whereby the ramp is adapted to raise the body of a trailer from a coupling relationship with a railtruck on the track when the highway wheels travel up said descending portion of said ramp.



(Com. 40 pages;

Drwgs 11 sheets)

Ind. Cl : No. 128

F

179833

Int. Cl. : No. A. 61, m 5/30

A NEEDLELESS SYRINGE.

Applicant : OXFORD BIOSCIENCES LIMITED, A BRITISH COMPANY OF THE MAGDALEN CENTRE, THE OXFORD SCIENCE PARK, OXFORD OX4 4GA, UNITED KINGDOM.

Inventors :

BRIAN JOHN BELLHOUSE,
DAVID FRANCIS SARPHIE
AND
JOHN CHRISTOPHER GREENFORD.

Convention Application No. and Date. 9307459.9, 08-04-93, G.B.

Application No. 279/Mas/94, Dated : 8th April. 1934.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Chennai Branch.

42 Claims

A Needleless syringe comprising an elongate tubular nozzle, a rupturable membrane initially closing the passage through the nozzle adjacent to the upstream end of the nozzle, and energising means for applying to the upstream side of the membrane a gaseous pressure sufficient to burst the membrane and produce through the nozzle a supersonic gas flow capable of entraining particles of a therapeutic agent located between two rupturable diaphragms extending across the interior of the nozzle.

(Com. 33 pages;

Drwgs. 04 sheets)

Ind. Class :

205-B&G

179834

Int. Cl.⁴ : B 29 D 30/00

A.METHOD OF MANUFACTURING TYRES.

Applicant : SEDEPRO, A FRENCH COMPANY, OF 25, RUE DE LARCADE; 75008 PARIS, FRANCE.

Inventors :

- (1) DANIEL LAURENT
- (2) MICHEL DEAL
- (3) FRANCAIS BRIHAYE.

Application No. 310/Mas/94 dated April 19, 1994.

Divisional 10 Patent Application No. 416/Mas/90; Antedated to May 28, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patent Rules, 1972), Patent Office, Chennai Branch.

3 Claims

A method of manufacturing tyres comprising the steps of cyclically pumping the unvulcanised rubber on to tyre blanks by means of at least one delivery piston sliding in a cylinder between a top dead center and a bottom dead center, the wall of the cylinder having admission ports located axially between said top dead center and bottom dead center, the wall closing said cylinder on the side of the top dead center having an evacuation opening provided with a non-return device, the pumping cycle consisting of feeding said cylinder with the material to be pumped when the piston release the admission ports, advancing the piston until the closing of the admission ports, opening the non-return device to free the evacuation opening when the piston closet admission ports completely continuing the advance of the piston up to tie top dead center, then again closing the evacuation opening by the anti-return device and returning the piston to be bottom dead center and then repeating said cycle.

(Com 23

pages,

Drwgs

6 sheets)

Ind. Class : 32-F₄ 179335
 Int. Cl.⁴ : C 07 C 143/02

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

6 Claims

AN IMPROVED PROCESS FOR PREPARING PARAFFIN SULFONIC ACIDS CONTAINING FROM 10 TO 20 CARBON ATOMS AND THEIR SALTS.

Applicant : ENICHEM AUGUSTA SPA., A COMPANY ORGANISED UNDER THE LAWS OF THE ITALIAN REPUBLIC OF VIA RUGGERO SETTIMO, 55, PALERMO, ITALY.

Inventors :

- (1) ONORIO GALLISTRU
- (2) CAMILLA MARASCHIN
- (3) ARTEMIO GELLERA.
- (4) COSIMO FRANCO
- (5) GIUSEPPE LA TORRE
- (6) LUCIANO CAVALLI.

Application No. 359/Mas/94 dated May 2, 1994.

Divisional to Patent Application No. 436/Mas/90; Antedated to June 4, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

Claims

2 improved process for preparing paraffin sulfonic acids containing from 10-12 carbon atoms and their salts, said process comprising the steps of (a) sulfo-oxidating a mixture of C₁₀ - C₂₀ -to form a reaction mixture comprising paraffin-sulfonic acids, unreacted n-paraffins, SO₂, sulfuric adds and water;

(b) removing unreacted n-paraffins from the reaction mixture;

(c) removing excess SO₂ from the reaction mixture obtained in step (b);

(d) adding hydrogen peroxide to the reaction mixture obtained in step (c);

(e) removing sulfuric acid and simultaneously recovering paraffin-sulfonic acids from the reaction mixture obtained in step (d) by heating the mixture obtained in step (d) to a temperature of from 50°C to 150°C and vacuum distilling at residual pressure of from 5 to 500 mmHo to distill off at least 60 percent of the water present in the mixture and optionally converting the recovered paraffin sulfonic acids to their salts by known means.

(Com. 20 pages)

Ind. Class : 139-G 179836
 Int. Cl.⁴ : C 01 B 17/00

A PROCESS FOR THE SELECTIVE OXIDATION OF SULPHUR-CONTAINING COMPOUNDS TO, ELEMENTAL SULPHUR.

Applicants : (1) VEG-GASINSTITUT N. V., OF WILMERSDORF 50, 7327 AC, APELDOORN, THE NETHERLANDS;

AND

(2) COMPRIMO B. V., OF JAMES WATTSTREET 79, 1097, DL AMSTERDAM, THE NETHERLANDS.

Inventors :

- (1) PETER JOHN VAN DEN BRINK
- (2) JOHN WILHELM GEUZ.

Application No. 467/Mas/94 dated June 1, 1994.

Divisional to Patent Application No. 574/Mas/90; Antedated to July 18, 1990.

A process for selective oxidation of sulphur containing compounds, such as hydrogen sulphide, to elemental sulphur, comprising the steps of passing the sulphur containing compounds in the gaseous state together with an oxygen containing gas over a catalyst comprising at least one catalytically active metal compound such as herein described optionally supported on a known carrier, the said catalyst having a specific surface area of more than 20 m²/g and an average pore radius in the range of 25 to 2000, at a temperature below 330°C, recovering elemental sulphur from the product stream by known method.

(Com 30 pages)

Ind. Cl. : 55 C 179837

Int. Cl.⁴ : C 09 K 3/22.

'DUST SUPPRESSANT COMPOSITION'.

Applicant : CASTROL LIMITED, A BRITISH COMPANY OF BURMAH CASTROL HOUSE, PIPERS WAY, WILTSHIRE SN 3 1RE, ENGLAND.

Inventor : (1) MITCHELL GREGORY WILSON.

Application No. : 489/Mas/94 filed on 8th June, 1994.

(Convention dated 15th June, 1993; No. PL 9341/93; Australia).

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

11 Claims

A dust suppressant composition comprising an oil or mixture of oils, such as herein described, ranging from 10% to 70% by wight of the total composition;

an emulsifier, such as herein described, ranging from 0.01% to 10% by weight of the total composition;

water ranging from 10% to 80% by weight of the total composition;

a wax, such as herein described, ranging from 5% to 50% by weight of the total composition; and optionally other additives, such as herein described.

(Compl Specns. : 11 pages; Drgns. Sheets : Nil)

Ind. Cl. : 40-B 179838

Int. Cl.⁴ : B 01 J 21/00
23/00.

A LAYERED CATALYST SYSTEM FOR DENITRIFICATION OF HYDROCARBONS.

Applicant : CHEVRON RESEARCH & TECHNOLOGY COMPANY A COMPANY DULY ORGANISED UNDER THE LAWS OF DELAWARE, U.S.A. OF 555, MARKET STREET, SAN FRANCISCO, CA, U.S.A.

Investors : (1) PHILIP L. WINSLOW;
(2) RICHARD F. SULLIVAN.

Application No. 494/Mas/94 dated June 10, 1994.

Divisional to Patent Application No. : 411/Mas/90; Antedated to May 25, 1990.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch,

7 Claims

A layered catalyst system for denitrification of hydrocarbons comprising a first layer of a catalyst constituting upto 70 vol% based on the total volume of the catalyst composition comprising a trickel-molybdenum-phosphorus/alumina catalyst or a cobalt-molybdenumphosphorus/alumina catalyst having a molybdenum content greater than 14% by weight of the first layer catalyst and having an average pore size of at least 60 Å and a second layer of a catalyst comprising a nickel-tungsten/silica-alumina- zeolite lor a nickel molybdenum/silica-alumina-zeolite catalyst, wherein the zeolite component has at least 2% by weight of the second layer catalyst.

(Compl. Specns. : 24 pages)

Int. Cl.⁴ : A 23 L 1/00.

179839

Ind. Cl. : 83 B₅

"A DEVICE FOR PRODUCING EXTRUDED AND COATED FOOD STUFFS",

Applicant : SCHAAF TECHNOLOGY GmBR, OTTO-HAHN-STRASSE, D-65520 HAD GAMBERG GERMANY; A GERMAN COMPANY.

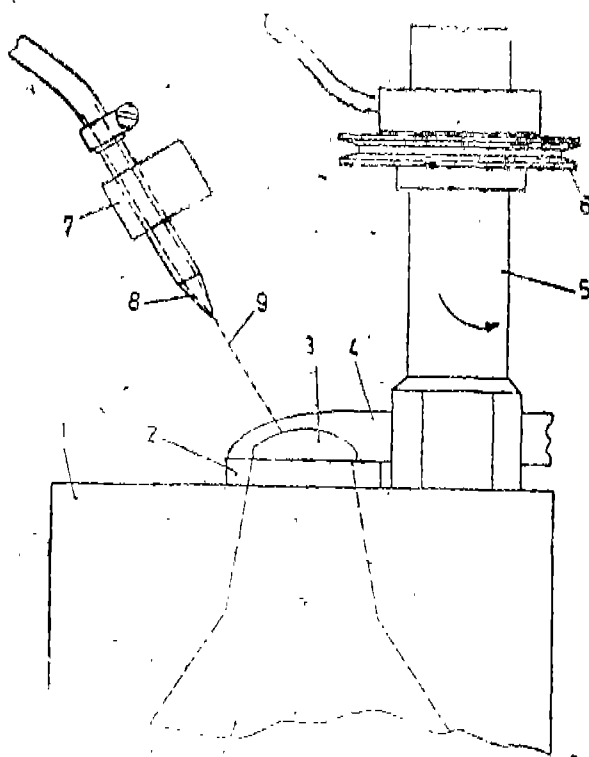
Inventor : (1) HEINZ SCHAAF.

Application No. : 533/Mas/94, filed on 22-06-1994.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office, Chennai Branch.

20 Claims

A device for producing extruded and coated foodstuffs comprises an extruder screw for feeding the material to be extruded, an extrusion die for extruding the material at least one spray device (7) for spraying at least one additive onto the extruded material (11) on leaving the extrusion die and cutting means for cutting the coated food stuff.



Dgns. : 2 Sheets.)

Ind, Class

55-E₄

179840

Int, Cl.⁴ : A 61 K 9/00.

"A PROCESS FOR THE MANUFACTURE OF A MEDICINAL PREPARATION FOR ENHANCING MEMORY POWER".

Applicant : NUTRINE PHARMA PRIVATE LIMITED, CHITTOOR, ANDHRA PRADESH, INDIA, A COMPANY DULY ORGANISED AND EXISTING UNDER THE LAWS OF THE UNION OF INDIA.

Inventors : (1) GOPALAKRISHNAN LAKSHMINA-RAYANAN.

(2) KUPPASANI SIVA MOHAN REDDY.

Application No. : 548/Mas/94 dated 24th June, 1994.

Complete Specification left : August 22, 1995,

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Chennai Branch,

3 Claims

A process for the manufacture of a medicinal preparation for enhancing memory power comprising the steps of processing 5 to 50 parts by weight of a plurality of herbs selected from centella asiatica, withania somnifera, eclipta alba, emblica officinalis, celestrus paniculate, bacopa manniera, clitoria lenatues, tinospora cordifolia, asparagus racemosus, phyllanthus piruri, to obtain the same in power of liquid form, the processing of said herbs being carried out by means such as cleaning; powdering; decanting; centrifuging; distilling; filtering; pressing; liquefying drying; blending the processed herbs together into a homogenous mass; and mixing the said mass with 1000 parts by weight of the ingredients of a food product, such as herein described, during a predetermined stage or stages of the manufacture thereof.

(Prov. : 16 pages; Compl. : 18 pages)

Ind. Cl : 107 C, Or

[XLVI]

179841

Int. Cl. : F02 B : H/00.

"AN IMPROVED 2-STROKE SPARK IGNITION ENGINE".

Applicant : THE DIRECTOR, THE AUTOMOTIVE RESEARCH ASSOCIATION OF INDIA, (A RESEARCH ORGANISATION AFFILIATED TO MINISTRY OF INDUSTRY, GOVERNMENT OF INDIA), AT S. NO. 102, VETAL HILL, OFF PAUD ROAD, PUNE 411 004, MAHARASHTRA, INDIA.

Inventor : MR. BHUTNATH GHOSH.

Patent Application No. : 274/Bom/93 filed on 30-08-93.

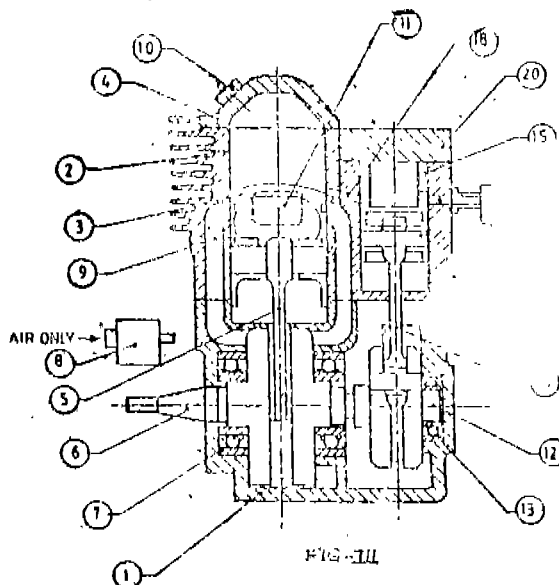
Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

Claims

(1) An improved 2-stroke spark ignition engine comprising.

- (i) Main cylinder and auxiliary cylinder side by side with linking transfer port for transfer of air-fuel mixture from said auxiliary cylinder to main cylinder and an inlet transfer port to said auxiliary cylinder for air-fuel mixture;
- (ii) Said main cylinder piston operable by the main crankshaft and said auxiliary piston operable by the auxiliary crankshaft,
- (iii) The said main crankshaft and said auxiliary crankshaft are coaxial;

- (iv) Said auxiliary piston is having cavity with a port at bottom connectable to said linking transfer port, for passage of compressed air-fuel mixture to the main cylinder; and
- (v) Said main crank and auxiliary crank timing are such that when main cylinder air intake and exhaust port are closed, before TDC the auxiliary piston is at its TDC and thereby said piston opening will connect to said linking passage to allow compressed air-fuel mixture to enter main cylinder for further compression and ignition.



(Compl. Specns. : 13 pages; Drgns. : 06 Sheets)

Ind.Cl. : 170 A, -G₁, [XIII(4) 179842
Int. Cl. : C 11 D-3/386.

ENZYMATIC DETERGENT COMPOSITIONS.

Applicants : HINDUSTAN LEVER LTD A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913 or HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI-400 020, MAHARASHTRA, INDIA.

Inventors :

1. HENDRIKUS THEODOKUS W. M. VAN DER HUDEN.
2. JOHN DAVID MARUGG.
3. JONATHAN FRANK WARR.
4. JAN KLUGKIST.
5. WOUTEK MUSTERS.
6. DIRK HERMAN A HONDMANN.

Patent Application No. 237/Bom/93 filed on 29-7-93.

O B. Priority dated 31-7-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13.

11 Claims

An enzymatic detergent composition which comprises :

- (a) 0.1-50% by weight of a surfactant system comprising (a1) 0-95% by weight of one or more anionic surfactants and (a2) 5-100% by weight of one or more nonionic surfactants; and
- (b) 10-20,000 LU (Lipase Unit, as defined in EP-A-258 068) per gram of the detergent composition of an eukaryotic eutrinase, such as herein described.

(Comp. Specn. 43 pages; Drwngs. 21 sheets.)

Ind. Cl. : 136 B Gr. [XIII] 179843
Int. Cl. : B 29 D-23/22.

AN AUTOMATIC PRECISE THICKNESS CONTROLLING DEVICE FOR PVC PIPE EXTRUDING MACHINE. AND THE LIKE.

Applicant Cum Inventor : VINAY KUMAR SHRIDHAR AT OFFICE OF THE DY. DIRECTOR OF INSPECTION, 106/13, DR. KETKAR ROAD, 'SURAD' BRANDAVANA, PUNE-411 004, MAHARASHTRA, INDIA, INDIAN NATIONAL.

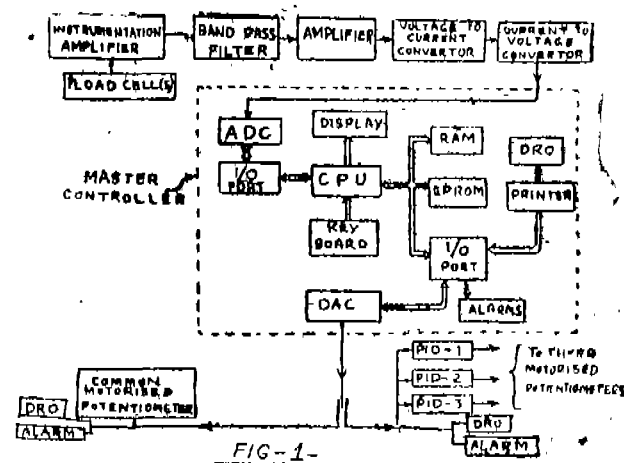
Patent Application with Provisional Specification No. 307/Bom/93 filed on 28-09-93.

Complete after Provisional Specification filed on 28-12-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules 1972), Patent Office Branch, Mumbai-13.

2 Claims

An automatic precise thickness controlling device for PVC pipe extruding machine and the like, comprising of a load cell(s) checking weight of a PVC pipe and providing a corresponding signal to a signal processor, the said signal processor comprising of an instrumentation amplifier, amplifying the said corresponding signal, output of which is fed to a band pass filter, filtering the noise, an amplifier, amplifying the output of the said band pass filter, a voltage to current converter, converting the amplified signal to current signal, a current to voltage converter, converting the said current signal to a voltage signal; and a master controller, the said master controller comprising of an analog to digital converter, receiving signal from the output of the current to voltage converter of the said signal processor output of which being connected to a central processing unit via input/output port, the said central processing unit converting the signal from the said analog to digital converter in proportional, integral and derivative algorithm for which software being made available in erasable programmable read out memory, and data stored in random access memory, a digital read out providing status of the said PVC pipe extruding machine, a printer for converting data to a hard copy, an alarm, a key board for feeding data providing audio and or visual signals, and a digital to analog converter; and output of the said digital to analog converter of the said master controller is either provided to a common motorised potentiometer or to three motorised potentiometers, each through their proportional integral derivative controllers; output of the said common motorised potentiometer being connected to a common potentiometer of the said PVC pipe extruding machine controlling speeds, of its three motors viz, dozer motor, screw motor and haul off motor or alternatively output the said three motorised potentiometers each provided to potentiometer of the above and three motors of the PVC pipe extruding machine depending upon constructional features of the said PVC pipe extruding machine, the characteristic feature of the said device being correcting and controlling of the above said three motors of the said machine corresponding to the weight of the PVC pipe checked by the said load cell (s) with reference to the set weight of a PVC pipe of known dimensions.



Prov. Specn. 6 pages;
(Comp. Specn. 12 pages;

Drwng. Nil.)
Drwngs. 2 sheets.)

Ind. Cl. : 189-G[LXVI] 179844
 Int. Cl. : A 61 K-7/48.

COSMETIC COMPOSITION.

Applicants : HINDUSTAN LEVER LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913 OF HINDUSTAN LEVER HOUSE, 165/166 BACKBAY RECLAMATION, MUMBAI 400 020, MAHARASHTRA, INDIA.

Inventors :

- (1) CLIVE ROLERICK HARDING
- (2) TAN RICHARD SCOTT
- (3) CAROLINE MARIAN LEE.

Application No. 373/Bom/93 filed on 5-11-93.

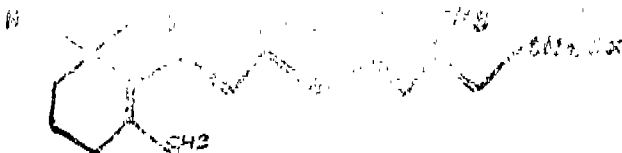
G. B. Priority dated 5-11-92.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

6 Claims

A composition suitable for topical application to human skin in order to promote repair of photo-damaged skin and/or reduce or prevent the damaging effects of ultra-violet light on skin, which composition comprises :

- (i) an effective amount of from 0.00 L to 10% by weight of retinal or a derivative thereof having the structure (1) :



where X represents H or COR. where R represents a group chosen from branched or unbranched, alkyl or alkenyl groups having an average of from 1 to 20 carbon atoms and

- (ii) an effective amount of from 0.01 to 20% by weight of a skin lightening agent chosen from L-ascorpic acid and derivatives thereof, kojic acid and derivatives thereof, Hydroquinone and derivatives thereof, extract of placenta, arbutin, niacin, niacinamide, a hydroxy acids, phloretin, phloridzin, liquorice extract, cysteamine-phenol and derivatives thereof and compounds having the structure (2) .



where R¹ represents H, or an ether group represented by OR¹, R² and B² are the same of different and each represents a group chosen from branched or branched alkyl or alkenyl groups having an average of from 1 to 20 carbon atoms,

(Compl. Specn, 33 pages; Drwng. Nil.)

Ind. Cl : 61 H Gr. (VIII) 179845
 Int. Cl. : A 23 B-7/02.

AN EQUIPMENT FOR DEHYDRATION OF FOOD PRODUCTS.

Applicant & Inventor : SHRI YESHWANTRAO ANAND-RAO GAVANEPATIL, PANDHARPUR ROAD, MIRAJ-416 410, MAHARASHTRA, INDIA. AN INDIAN NATIONAL.

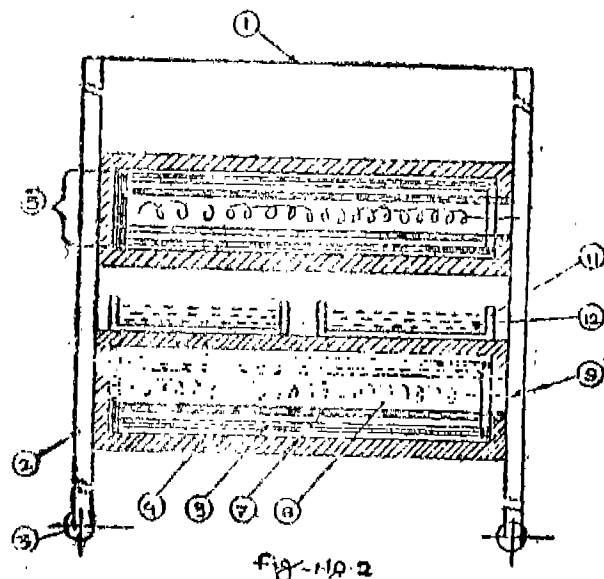
Application No. 388/Bom/93 with provisional specification filed on 16-11-93.

Date of filing complete after Provisional Specification : 23-5-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972), Patent Office Branch, Mumbai-13.

11 Claims

An equipment for dehydration of the food products, comprising of a supporting framework open on five sides, a plurality of closed heating chambers supported in the said framework forming in plurality partitions in vertically ascending row(s) each of the said closed chamber being provided with a closed loop/circuit heating means with its two ends extending out of the said closed chamber and being connected to an heat energy supply source, a plurality of shallow trays adapted for holding the said food products to be dehydrated being placed over the and heating chambers, the said closed heating chambers being arranged in the said open frame work having a desired vertical gap between the two adjacent closed chambers to induce a natural draught, for developing a current/flow of air for exhausting out the vapours formed during the dehydration process.



(Prov. Specn. 3 pages; Drwng. Nil.)
 (Comp. Specn, 1 pages; Drwngs. 2 sheets.)

Ind. Cl. : 136 H, E, C, A. Or, [XIII] 179846
 Int. Cl. : B 29 C-47/00.

PROCESS AND DEVICE FOR THE MANUFACTURE OF SOAP/DETERGENT FORMS.

Applicants : HINDUSTAN LEVER LTD., A COMPANY INCORPORATED UNDER THE INDIAN COMPANIES ACT, 1913 AND HAVING ITS REGISTERED OFFICE AT HINDUSTAN LEVER HOUSE, 165/166, BACKBAY RECLAMATION, MUMBAI-400 020, MAHARASHTRA, INDIA

Inventors :

- (1) VIJAY MUKUND NAIK
- (2) DHANRAJ KALYANSUNDARAM CHOKAPPA

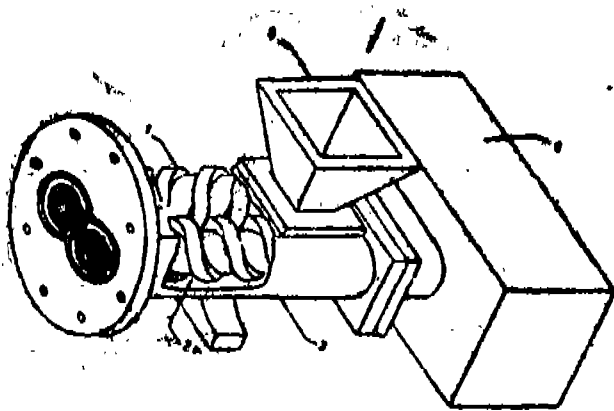
Patent Application No. 449/Bom/93 with provisional specification filed on 31-12-93.

Date of filing complete after provisional specification is 30-12-94.

Appropriate Office for Opposition Proceedings (Rule 4, Patents Rules, 1972.), Patent Office Branch, Mumbai-13.

12 Claims

A process for the manufacture of soap/detergent forms which include the step of treating a soap/detergent feedstock by passage through an oppositely threaded, counter-rotating twin screw extruder having substantially intermeshed screws in the discharge zone such that as said feedstock passes through said extruder it is divided into several discrete substantially closed C-shaped segments bounded by the strew and barrel surfaces and traces a positive path whereby bulk of the feedstock moves substantially parallel to the rotational axis of the screws.



(Prov. Specn. 16 pages;
(Comp. Specn. 22 pages;

Drwns. 5 sheets.)
Drwns, 8 sheets.)

Ind Cl. 123 1(4)

179847

Int. Cl. A01N-37/44

Title.: A METHOD OF MAKING A PLANT GROWTH REGULATOR.

Applicants :—GODREJ SOAP LIMITED, AN INDIAN COMPANY HAVING ITS REGISTERED OFFICE AT PIROJSHANAGAR, EASTERN EXPRESS HIGHWAY, VIKHROLI, MUMBAI-400079, MAHARASHTRA, INDIA.

Inventors:—

- (1) NADIR BURJOR GODREJ.
- (2) DR KEKI BAMANSHAW MISTRY.
- (3) DR BRAHMAN AMBASHANKAR VYAS.

Application No. 57/BOM/94 Filed on 18-02-94.

Appropriate Office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, Mumbai-400 013.

3 Claims

A method of making a plant growth regulator comprising mixing 0.1-5 mg of brassinosteroid(s) and 10-100mg of gibberellic acid (s) or 10 to 100 mg of cytokinin(s) with alcohol such as ethyl or methyl alcohol and diluting the alcoholic solution with 0.5 to 25mg of surfactant(s) per litre of water.

Complete Specification; 13 Pages. Drawings NIL.

Ind Cl. 126 A, D Gr LVIII.(6)

179848

Int Cl. A 61 B-5/14
G 01N-33/48

Title : A BIOSENSOR FOR MEASURING CONCENTRATION OF BIOMOLECULES.

Applicants: INDIAN INSTITUTE OF TECHNOLOGY, POWAI MUMBAI-400076. MAHARASHTRA, INDIA, AN INSTITUTION OF TECHNICAL EDUCATION AND ALIASGAR GUTUB CONTRACTOR THEEYANCHERI NADUVILEVEETIL SURESH KUMAR, RAMAN SARMA SRINIVASA AND RAKESH KUMAR LAL, ALL INDIAN CITIZENS AND OF INDIAN INSTITUTE OF TECHNOLOGY, POWAI—MUMBAI-400 076. MAHARASHTRA, INDIA.

Inventors:

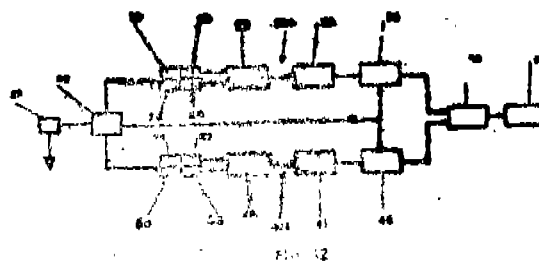
1. ALIASGAR QUTUB CONTRACTOR,
2. THEEYANCHERI NADUVILEVEETIL SURESH KUMAR
3. RAMAN SARMA SRINIVASA
4. RAKESH KUMAR LAL

Patent Application No.89 Bom 94 Filed on 10-03-94.

Appropriate Office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, Mumbai-400 013.

7 Claims

A biosensor for measuring concentration of biomolecules consisting of at least one conductance sensing unit 1E comprising a pair of spaced apart electrodes 23, 24 located in an inert electrically insulating matrix 22 and an electronically conducting polymer bridge 31 deposited on the matrix across the electrodes and having atleast one enzyme specific to biomolecules of interest immobilised therein and at least one conductance measuring circuit 33A connected to said electrodes, 23, 24 said biosensor optionally further consisting of a reference sensor comprising a reference conductance sensing unit 1F identical in construction to said conductance sensing unit but without said enzyme and a reference conductance measuring circuit 40A connected to the electrodes 27, 21 of said reference conductance sensing unit and across said conductance measuring circuit and/or a dialysis layer provided over the polymer bridge.



Ind. Cl. 49 I Gr.

[XV(1)]

179849

179 E, Gr. [XL(6)]

Int. Cl. B65D-43/06

A SPILL PROOF CONTAINER.

Applicants : EAGLE FLASK INDUSTRIES UNITED AN INDIAN COMPANY AT TALEGAON-410 507, DIST-PUNE, MAHARASHTRA, INDIA.

Inventor : ALIMOHAMED CHAGANBHAI FADAMSEE,

Patent Application No. 189 Bom 94 Filed on 29-04-94.

Appropriate Office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, Mumbai-400013.

4 Claims

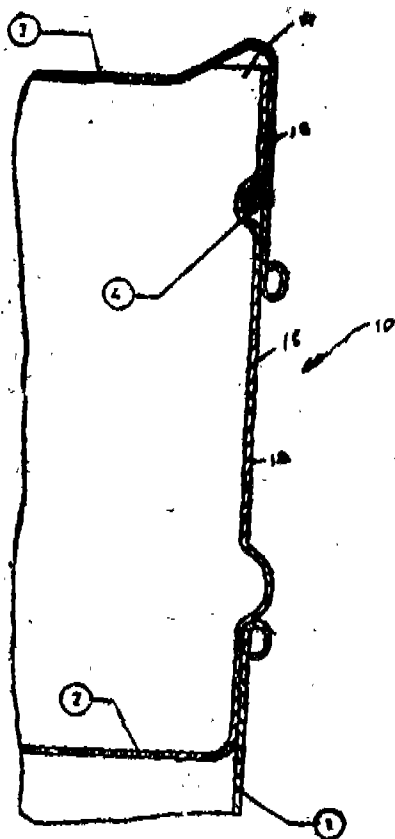
A spill proof container comprising:

a hollow body having a side wall and a mouth at one end;

a groove defined peripherally in the side walls;

a resilient compressible gasket of natural or synthetic polymeric that can be removably fitted in the groove and which provides a circumferential girdle around the side wall of the body;

a lid than be press fitted over the mouth which In the process of fitting the mouth compresses the gasket to provide a spill proof closure of the container.



(Complete Specification : .05 pages. Drawings 03 Sheets)

Ind Cl. 156 A, D, H

179850

Int. Cl. F 01 B-9/04-
F04 B-9/04

A SUBMERGED PUMP,

Applicants & Inventors : MR MENCARELLI ENZO OF VIA IMBRIANI 15, 20100 MILAND ITALY, ITALIAN NATIONAL AND MR CEFIS, GIOVANNI OF VTA ALIGHIERI 1,06012 CITTA DI CASTELLO PC, ITALY. ITALIAN NATIONAL.

PATENT Application No, 207/Bom/94 Filed on 13-05-94.

Appropriate Office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office Branch, Mumbai-400 013.

5 Claims

A submersible pump comprising;

(i) a cylindrical structure having upper segment 15 and lower segment;

(ii) said lower segment having lower block 2 where the operating shaft 'A' provided with opposing double eccentric cams with sealings 3 and ball bearing; 4

(iii) one or more modular pistons consisting a piston 7 with annular membrane 8 with piston carrying block 9 whereby said pistons 7 to be operated by spool wheels 10 provided in the said block 3 with the help of pins 11 and said piston spring 12 biased against external bushes, 13 piled up with the said ball bearing 4 coaxial shaft and assembled with a tie-rod 6 until the closing determined by the upper cover; 14

(iv) a working chamber 16 in the said upper segment 15 with a converging shape having inlet with a non-return valve 17 for the inlet of water through the slit; 19

(v) further piston of said converging end is shaped to diverging portion having outlet with non-return valve 20 and;

(vi) said diverging portion is having a reduced diameter outlet tubing.22-

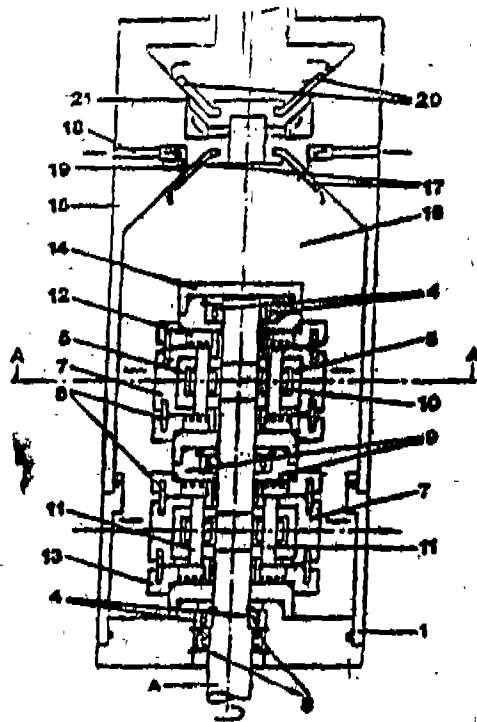


Fig -1

(Compil, Specn, 9 pages,

Drugs, 2 Sheets.;

CLAIM UNDER SECTION 20(1)

In pursuance of leave granted under Section 20(I) of the Patents Act, 1970 application, No. 509/Cal/92 (177507) made by Metallgesellschaft AG has been allowed to proceed in the joint name of Metallgesellschaft AG and Norsk Hydro Technology AS.

RENEWAL FEES PAID

173464	176163	175470	177141	165360	160005	177158	177157
177164	175245	172146	172484	174049	159939	171125	176969
176891	176947	177162	171768	176948	177740	166781	166910
168719	163870	163971	165628	166050	167963	168787	17,1578
171760	173187	174511	176896	176937	17,7734	177738	176104
17611	167300	174513	171123	176114	177825	164928	173955
171895	164233	164068	166042	175338	176191	176281	176353
177096	177224	175003	172716	164265	164535	166427	177541
177739	177438	166430	177778	178102	165370	166198	168989
177510	177587	177590	159985	164738	176498	177609	164790
164838	165143	165338	165340	175914	169092	174464	177989
176302	177398	171870	161911	177633	167868	175982	168933
176569	177005	177102	177477	177504	177614	177651	177659
177664	177667	177683	177776	177781	177783	177784	177785
177796	177800	177801	177802	177803	177809	177842	177843
177845	177847	177881	177882	177883	177885	177981	177985
177952	177959	177982	177986	178013	178101	178106	178110
178104	163798	166618	168548	169000	173280	174682	174549
177588	178014	164577	165416	178170	178193	177341	

PATENTS SEALED ON 21-11-17

177735 177953 178055 178253 178254*D 178256*D
178257*D 178253* D 178259*D 178260*F 178264* 178262
178263 178264* 178265 178266 178267 178208 178269*D
178270*F 178271 178272 173273 178274 178275 178277
178278 178279. 178281*D 178282" D 178283* 178284*D
178285*P 17S286*F-178287"D 178288*D 178290*D 178291
178292 178293 17895 *F 178296*D 178297*D 178298*F
178299*F 178300*D 178301 178302 178303* 178304

CAL-23, DEL-JO, MUM-11, CHEN-06.

*Patent shall be deemed, to be endorsed with words
LICENCE OF RIGHT Under Section 87 of the Patents Act,
1970 from the date of expiration of three years from the date
of sealing.

F—Food Patents

D—Drug Patents

REGISTRATION OF DESIGNS

the following designs have been registered. They are not
open to inspection for period of two years from the date of
registration except as provided, for in Section 50 of the De-
signs Act, 1911.

The date shown in the each entries is the date of the regis-
tration included in the entries.

Class 3. No. 171953, Ashok Kumar Chadha and Smt. Saria
Rani trading as B. R. Polymers, an Indian partner-
ship concern, C 30, Mansardver Garden, New
Delhi-110015, India, an Indian national of above
address, "FLASK", 7th August 1996.

Class 3. No. 170554. Rotomac Pens Pvt. Ltd., an Indian
company carrying on business at 201 City Centre,
63/2., The Mall, Kanpur 208001, U.P., India,
"PEN", 31st January 1996,

Class 3. No. 173630, Dr. Sheel Aditya, Associate Professor,
Dept. of Electrical Engineering, Indian Institute of
Technology, Hauz Khas, New Delhi-110016, India,
an Indian national, "PRINTED ANTENNA", 11th
April 1997.

Class .1. No. 173126, The Goodyear Tiro & Rubber Company,
a corporation organised under the laws 08 the
State of Ohio with offices at 1.144 East Market
Street, Akion, Ohio, 4316-0001, U.S.A., "TYRE
TREAD", 7th February 1997.

Class. No. 172326. Futiskool (India) Ltd., an Indian com-
pany, incorporated under the Comp. Act, 1956,
having their regd. office at Tarapora Towers, 826,
Anna Salai, Mradras-600002, "A TOY", 8th Octo-
ber 1996,

Class 10. Nos. 172254 & 172255, Kay Vce Footwear, C 181,
Naraina Industrial AREA, Phase I, New Delhi, an
Indian proprietorship concern whose proprietor is
Kedar Nath, an Indian rational of the above
address, "FOOTWEAR (CHAPPAL)", 26th Sep-
tember 1996.

Class 10. No. 172328. M. A. Rubber Industries' of 12/65/1.
Charbugh Road, Shahganj, Agra (U.P.), India, an
Indian partn6rship concern, whose partners are
Pohu Mal and Parshottam Kumar of above ad-
dress and both Indian nationality, "SOLE FOR
FOOTWEAR" 8th October 1996.

Class 10. S. S. Enterprises, of Laxmi Market, Jogi Para, Shab-
ganj, Agra, U.P., India, an Indian partnership
concern, "SOLE OF FOOTWEAR", 7th October
1996.

Class 12. No. 173298, Dr. Panikka Veettil Majeed, an Indian
citizen, trading as Doctor-M-Company, Hiba An-
nexe North, Karunngapally 690518, Kollam Qui-
lin, Kerala, India, "SOAP CAKE", 7th March
1997.

Class 12. No. 172134, S. C. Johnson & Son. INC., a corpo-
ration organized land existing under the lawn of
the State of Wisconsin, located at 1525 Nowe St.,
Racine, Wisconsin 53403-2236, U.S.A., "BUR-
NABLE INSECT REPELLENT COIL", 13th
September 1996.

T. R. SUBRAMANIAN

Controller General of Patent, Design &
Trade Marks

